

AMENDMENT(S) TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims:

1. (Previously presented) A device for moving a headrest back and forth, comprising a stay (114) mounted with a horizontal portion (112) and a pair of parallel vertical portions (110);  
a ratchet member (RM) provided with a gear portion (116) formed with a plurality of teeth (116a) and a jaw (116b) and disposed on a central part of the horizontal portion (112) of the stay (114);  
a tilt adjusting device (TAD) comprising a pair of parallel members, each having a lower portion in pivotal engagement with the central part of the horizontal portion (112) of said stay (114);  
a check member (CM) comprising one or a pair of pivotable gears (120) having teeth (120a) to travel on and engage with the teeth (116a) of said ratchet member (RM) installed so that a reverse rotation of said tilt adjusting device (TAD) may be prevented;  
a back and forth movement device (MD) comprising a pair of parallel members, one end of which is pivotably connected to the central part of the horizontal portion (112) of said stay (114), adjoining said ratchet member (RM) and arranged to move the headrest back and forth;

a first torsion coil spring (130), two ends of which are respectively hooked on the horizontal portion (112) of said stay (114) and one of the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD);

one or a pair of second torsion coil springs (121) having one end hooked on said pivotable gear (120); and

a mobile shaft (122) axially mounted to pass through upper portions of the parallel members of said back and forth movement device (MD).

2. (Previously presented) The device for moving a headrest back and forth as claimed in claim 1, further comprising one or a pair of mounting panels (124) fixed on said mobile shaft (122).

3. (Canceled)

4. (Previously presented) The device for moving a headrest back and forth as claimed in claim 1, wherein said ratchet member (RM) has two opposite gear portions (116).

5. (Previously presented) The device for moving a headrest back and forth as claimed in claim 1, wherein said pivotable gear (120) has a jaw (120b) for interacting with the jaw (116b) of said ratchet member (RM) and is pivotably arranged on either a support fixed on the horizontal

portion (112) of said stay (114) or one of the two parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD).

6. (Previously presented) The device for moving a headrest back and forth as claimed in claim 1, wherein the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD) are installed in pivotal engagement with the horizontal portion of said stay (114) by a shaft passing through holes in said members and said ratchet member (RM) or a support for said pivotable gear (120).

7. (Previously presented) The device for moving a headrest back and forth as claimed in claim 1, wherein one end of said first torsion coil spring (130) is hooked on said ratchet member (RM) or a support for said pivotable gear (120) fixed on the horizontal portion of said stay (114).

8. (Previously presented) The device for moving a headrest back and forth as claimed in claim 7, wherein said first torsion coil spring (130) is wound around the horizontal portion of said stay (114).

9. (Previously presented) The device for moving a headrest back and forth as claimed in claim 1, wherein said second torsion coil spring has the other end hooked on one of the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD).

10. (Canceled)

11. (Previously presented) The device for moving a headrest back and forth as claimed in claim 2, wherein said ratchet member (RM) has two opposite gear portions (116).

12. (Previously presented) The device for moving a headrest back and forth as claimed in claim 2, wherein said pivotable gear (120) has a jaw (120b) for interacting with the jaw (116b) of said ratchet member (RM) and is pivotably arranged on either a support fixed on the horizontal portion (112) of said stay (114) or one of the two parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD).

13. (Currently amended) The device for moving a headrest back and forth as claimed in claim [[3]] 1, wherein said pivotable gear (120) has a jaw (120b) for interacting with the jaw (116b) of said ratchet member RM and is pivotably arranged on either a support fixed on the horizontal portion (112) of said stay (114) or one of the two parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD).

14. (Previously presented) The device for moving a headrest back and forth as claimed in claim 2, wherein the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD) are installed in pivotal engagement with the horizontal portion of said

stay (114) by a shaft passing through holes in said members and said ratchet member (RM) or said support for said pivotable gear (120).

15. (Currently amended) The device for moving a headrest back and forth as claimed in claim [[3]] 1, wherein the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD) are installed in pivotal engagement with the horizontal portion of said stay (114) by a shaft passing through holes in said members and said ratchet member (RM) or said support for said pivotable gear (120).

16. (Previously presented) The device for moving a headrest back and forth as claimed in claim 2, wherein one end of said first torsion coil spring (130) is hooked on said ratchet member (RM) or a support for said pivotable gear (120) fixed on the horizontal portion of said stay (114).

17. (Currently amended) The device for moving a headrest back and forth as claimed in claim [[3]] 1, wherein one end of said first torsion coil spring (130) is hooked on said ratchet member (RM) or a support for said pivotable gear (120) fixed on the horizontal portion of said stay (114).

18. (Previously presented) The device for moving a headrest back and forth as claimed in claim 2, wherein said second torsion coil spring has the other end hooked on one of the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD).

19. (Currently amended) The device for moving a headrest back and forth as claimed in claim [[3]] 1, wherein said second torsion coil spring has the other end hooked on one of the parallel members of said tilt adjusting device (TAD) or said back and forth movement device (MD).

20. (New) The device for moving a headrest back and forth as claimed in claim 1, wherein said ratchet member (RM) is installed on the horizontal portion of said stay (114) via one of the parallel members of either said tilt adjusting device (TAD) or said back and forth movement device (MD).

21. (New) The device for moving a headrest back and forth as claimed in claim 1, wherein said ratchet member (RM) has two opposite gear portions (116) and is installed on the horizontal portion of said stay (114) via one of the parallel members of either said tilt adjusting device (TAD) or said back and forth movement device (MD).

22. (New) The device for moving a headrest back and forth as claimed in claim 2, wherein said ratchet member (RM) is installed on the horizontal portion of said stay (114) via one of the parallel members of either said tilt adjusting device (TAD) or said back and forth movement device (MD).

23. (New) The device for moving a headrest back and forth as claimed in claim 2, wherein said ratchet member (RM) has two opposite gear portions (116) and is installed on the horizontal portion of said stay (114) via one of the parallel members of either said tilt adjusting device (TAD) or said back and forth movement device (MD).